

Digital Scholarship Fundamentals Workshops

Sponsored by the [University Libraries](#) and the
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Starting a Digital Scholarship Project

Mon., Sept. 16, 12:00 pm – 1:00 pm

Planning your project is a critical skill in contemporary research. Many students and faculty embark on a project without understanding fully the resources needed and the time commitment involved. This workshop will walk you through the process of asking the right questions: what is my research question, how can I locate and acquire sources and tools, budgeting concerns, legal issues, and sustaining final outcomes of work accomplished? **Instructors:** Kevin Gunn, Charles Gallagher.

Gale Digital Scholar Lab

Fri., Sept. 20, 12:00 pm – 1:00 pm

Learn how to use the lab for locating, analyzing, and visualizing texts. Using Gale's Primary Sources archive, we will demonstrate the workflow process in building, cleaning, and analyzing content. We will explore some of the tools including document clustering, Named Entity Recognition, Ngrams, parts of speech, sentiment analysis, and topic modeling. No previous experience necessary. **Instructor:** Kevin Gunn

LLMs for Exploratory Data Analysis

Mon., Sept. 30, 12:00 pm – 12:45 pm

The workshop will cover the basics of using an LLM for performing exploratory data analysis—including generating summary statistics and visualizing various variables—of a dataset. We will look at ChatGPT and Gemini. **Instructor:** Kevin Gunn

Citation Management with Zotero

Fri., Oct. 11, 12:00 pm – 1:00 pm

Zotero is a powerful citation management platform designed to streamline the creation of in-text citations and bibliographies. Beyond citation management, it is an invaluable tool for conducting research. This workshop will provide a comprehensive guide to installing Zotero and demonstrate the most effective ways to utilize its features. Participants are encouraged to register for a free Zotero account and download the client prior to the session at <https://www.zotero.org/user/register>. **Instructor:** Kevin Gunn

Using OpenRefine for Cleaning Data

Fri., Oct. 18, 12:00 pm – 1:00 pm

When working with a dataset, have you wondered how to remove 'null' or 'N/A' from fields, handle different spellings of words, or determining whether a field name is ambiguous? For this workshop, we will use the open access software, OpenRefine, to clean, manipulate, and refine a dataset before analysis (<https://openrefine.org/>). **Instructor:** Kevin Gunn

Getting Started with RefWorks

Mon., Oct. 21, 12:00 pm – 1:00 pm

RefWorks is a web-based reference management tool that allows you to manage your references as you do research in our databases. You can use RefWorks to organize, store and share your references, and to instantly create citations and bibliographies. Come and check out some of its features! **Instructor:** Benjamin Cushing

Legal and Ethical Issues in Text Data Mining

Mon., Oct. 28, 12:00 pm – 1:00 pm

I am not sure if I can text data mine a particular dataset. How can I determine what my rights are? We will explore best practices in copyright, fair use, licensing agreements and terms of use, privacy and ethical issues, digital rights management, and other issues involving non-consumptive use of text for research. Part of Open Access Week. **Instructor:** Kevin Gunn

HathiTrust for Text Data Mining

Fri., Nov. 15, 12:00 pm – 1:00 pm

You may have used the HathiTrust Digital Library for acquiring books and articles. Now use the HathiTrust Research Center for computational analysis! We will provide an overview of the HTRC platform and features by working on such as finding textual data, creating a workset, and performing basic analyses. **Instructors:** Benjamin Cushing, Kevin Gunn

Data Visualization Basics

Fri., Dec. 6, 12:00 pm – 1:00 pm

Having performed text data analyses, you must now present your findings visually. Should you use a pie chart (rarely), a scatter plot, or a heat graph? Understand how to present your work in an accurate and ethical manner by joining us for an overview of best practices in data visualization. We will examine some visualization methods and how best to apply them to different kinds of data. **Instructors:** Charles Gallagher, Kevin Gunn

Instructors: Benjamin Cushing, Research and Instruction Librarian; Charles Gallagher, Research and Instruction Librarian; Kevin Gunn, Coordinator of Digital Scholarship.

Register through the News, Events, and Exhibits page at libraries.catholic.edu (CUA members only) or by contacting Kevin Gunn (gunn@cua.edu). All workshops will take place on Zoom, recorded, and made available on the Catholic University Libraries' [YouTube Channel](#).



University Libraries <https://libraries.catholic.edu/services/digital-scholarship/index.html>